

# EUROPEAN PATENT OFFICE

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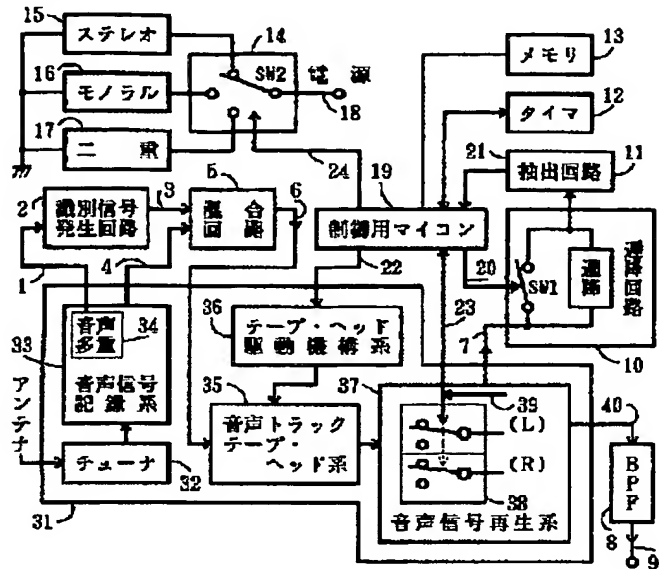
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TITLE : VTR FOR VOICE MULTIPLEX  
BROADCASTING



ABSTRACT : PURPOSE: To identify the classifications of recorded voice multiplex modes and to provide functions for the fast forward mode, the last mode memory of the double voices and the mode display in the constant condition in the case of recording the voice multiplex broadcasting by the voice multiplex broadcasting for VTR.

CONSTITUTION: Identification signals different at every stereo, monaural and double mode are generated an identification signal generation circuit 2, which can be recorded on a voice track by mixing voice signals. At the time of the regeneration the identification signals are extracted by an extraction circuit 11, and a microcomputer 19 for control decides the classifications of the voice multiple modes based on the identification signal. Based on such an identifying function it is decided as CM when the fast forward mode is selected after the monaural mode is continued for the fixed time and changed to the stereo. In the double audio mode, the last mode is stored in the memory part 13. Further, the display unit switching circuit 14 is changed over to display the mode. A frequency lowering circuit 10 is provided in front of the extraction circuit 11 so as to normalize the increased reproduction frequency due to the fast forward reproduction.

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